

FIG. 1

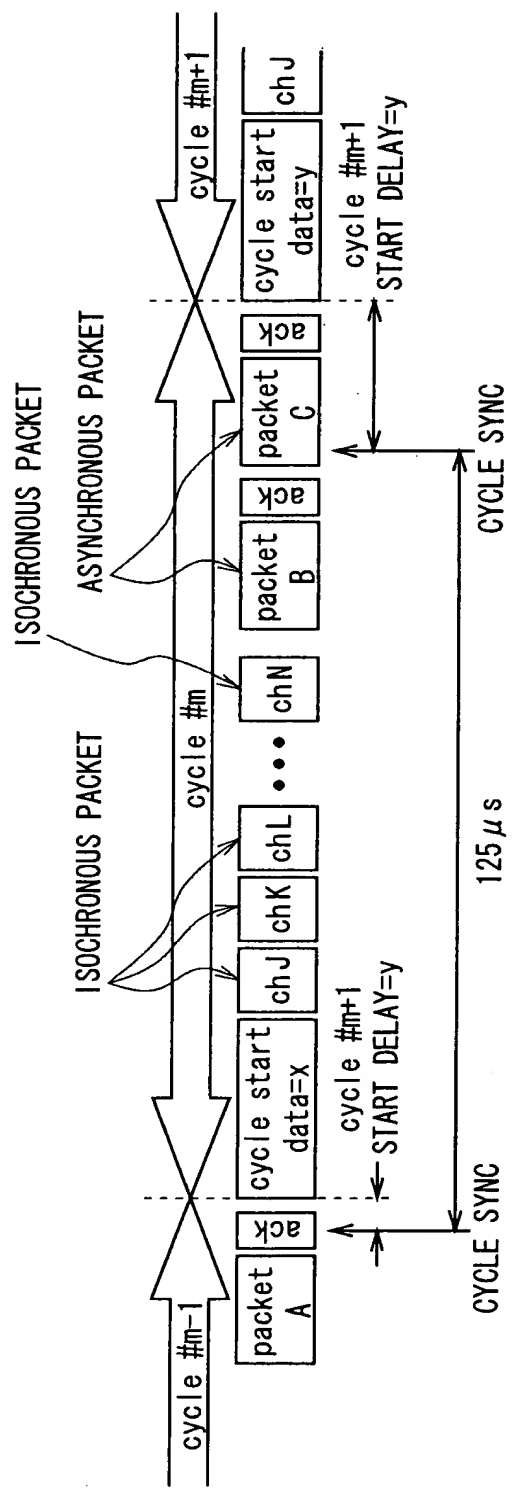


FIG. 2

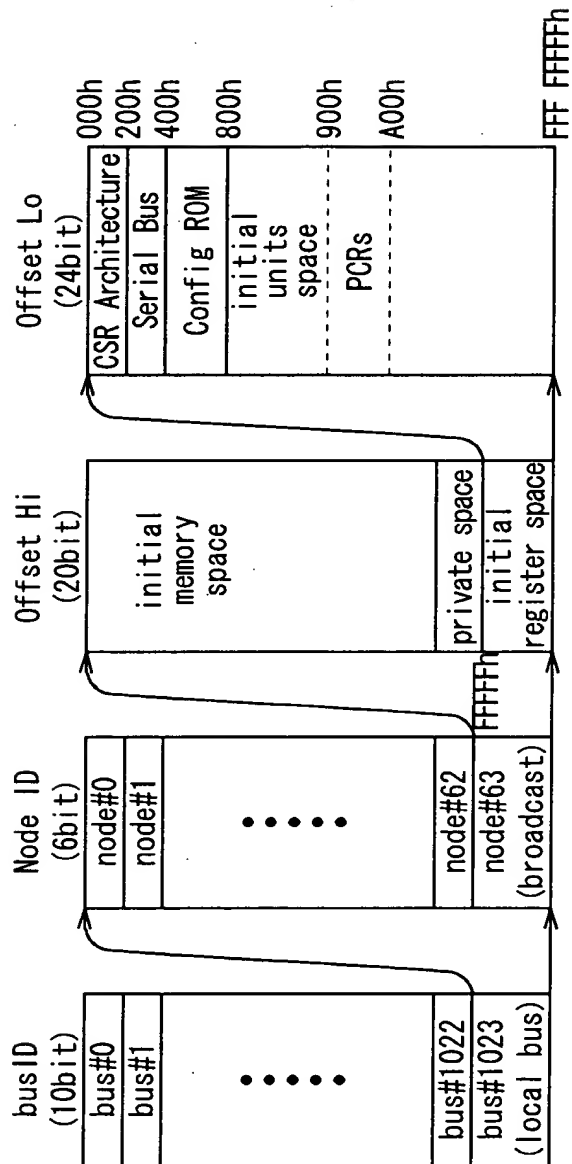


FIG. 3

| OFFSET | NAME | OPERATION |
|-----------|---------------------|---|
| 000h | STATE_CLEAR | CONDITION AND CONTROL INFORMATION |
| 004h | STATE_SET | SET STATE-CLEAR BIT |
| 008h | NODE_IDS | SHOW 16-BIT NODE ID |
| 00Ch | RESET_START | START COMMAND RESET |
| 018h-01Ch | SPLIT_TIMEOUT | MEASURE THE MAXIMUM TIME OF SPLIT |
| 200h | CYCLE_TIME | CYCLE TIME |
| 210h | BUSY_TIMEOUT | DEFINE RETRY CONTROL |
| 21Ch | BUS_MANAGER | SHOW ID OF BUS MANAGER |
| 220h | BANDWIDTH_AVAILABLE | SHOW BANDWIDTH AVAILABLE TO ISCHRONOUS COMMUNICATIONS |
| 224h-228h | CHANNELS_AVAILABLE | SHOW USAGE CONDITION OF EACH CHANNEL PAGE |

FIG. 4

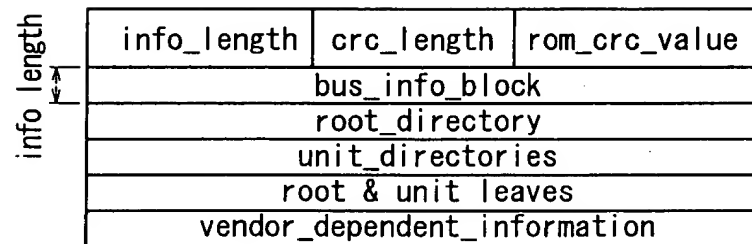


FIG. 5

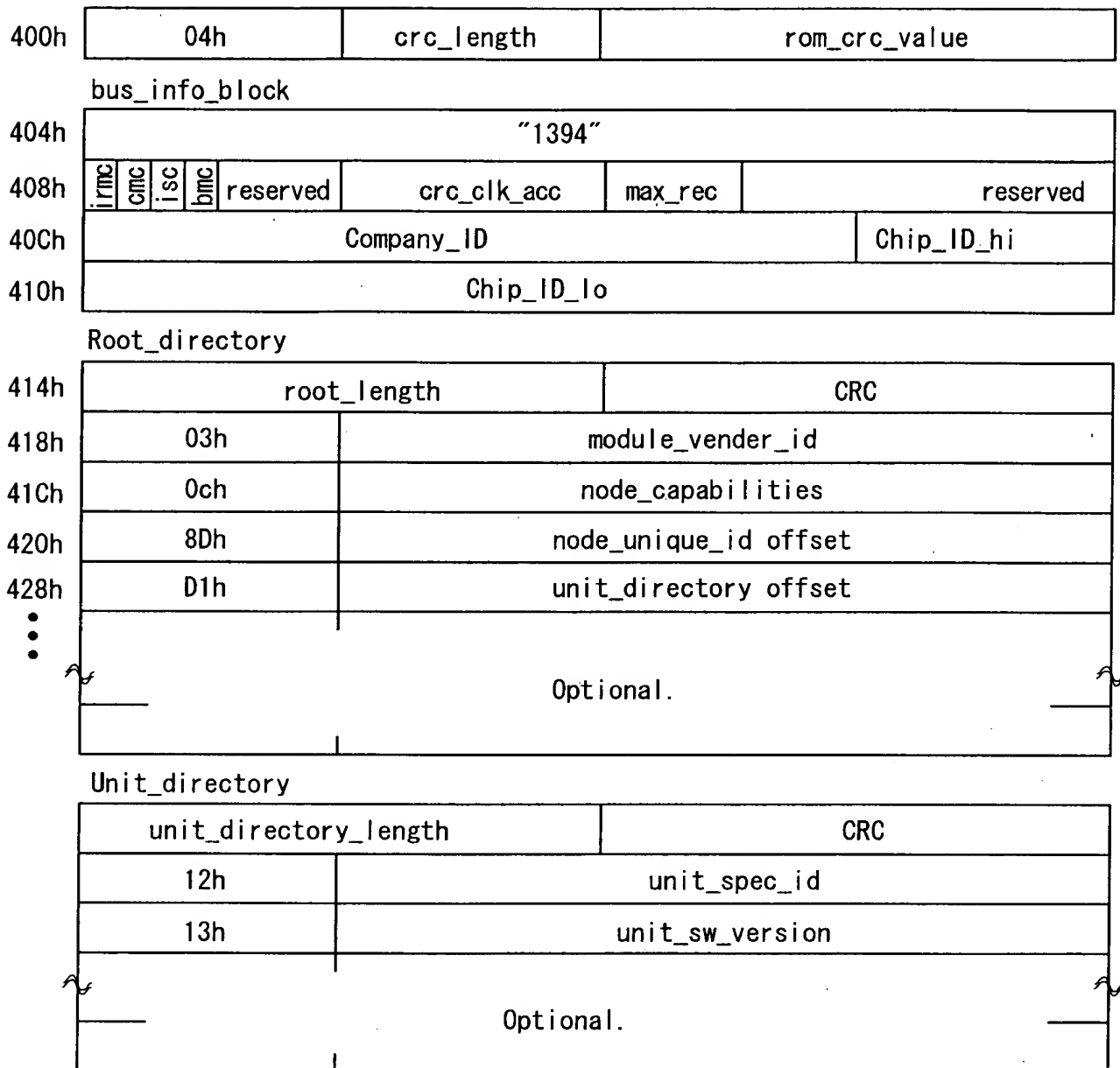


FIG. 6

| | |
|------|----------------------------------|
| 900h | Output Master Plug Register |
| 904h | Output Plug Control Register #0 |
| 908h | Output Plug Control Register #1 |
| ⋮ | ⋮ |
| 97Ch | Output Plug Control Register #30 |
| 980h | Input Master Plug Register |
| 984h | Input Plug Control Register #0 |
| 988h | Input Plug Control Register #1 |
| ⋮ | ⋮ |
| 9FCh | Input Plug Control Register #30 |

FIG. 7

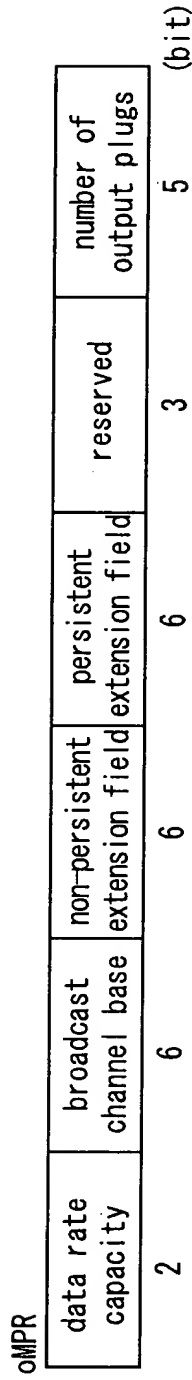


FIG. 8A

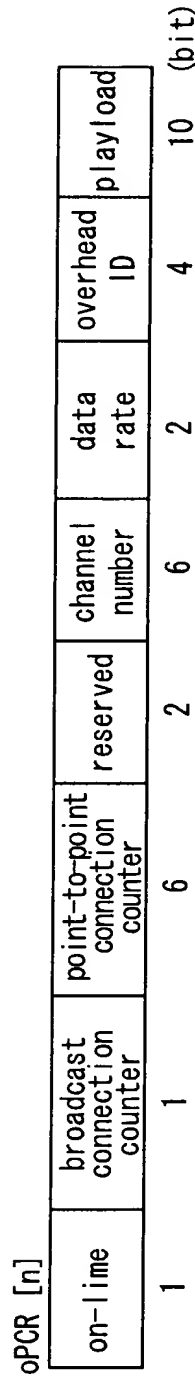


FIG. 8B

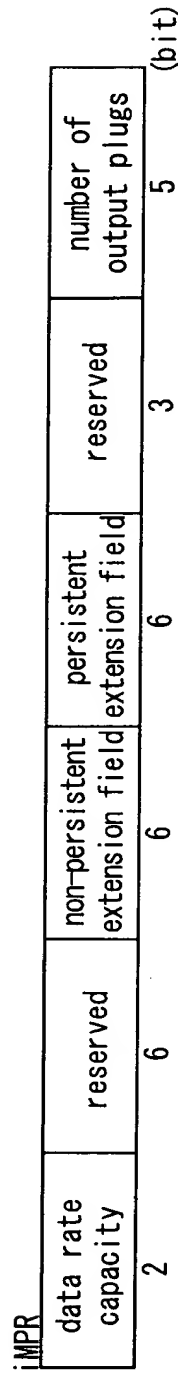


FIG. 8C

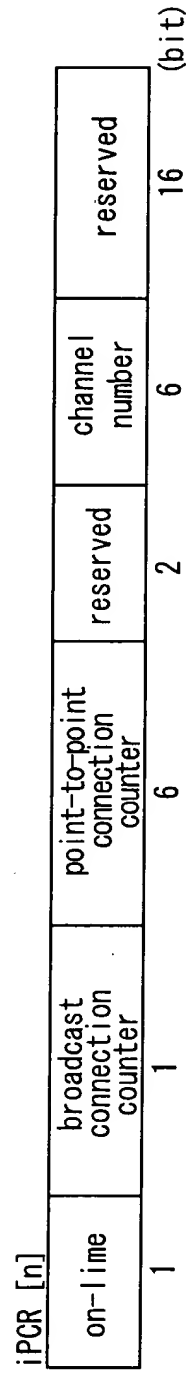


FIG. 8D

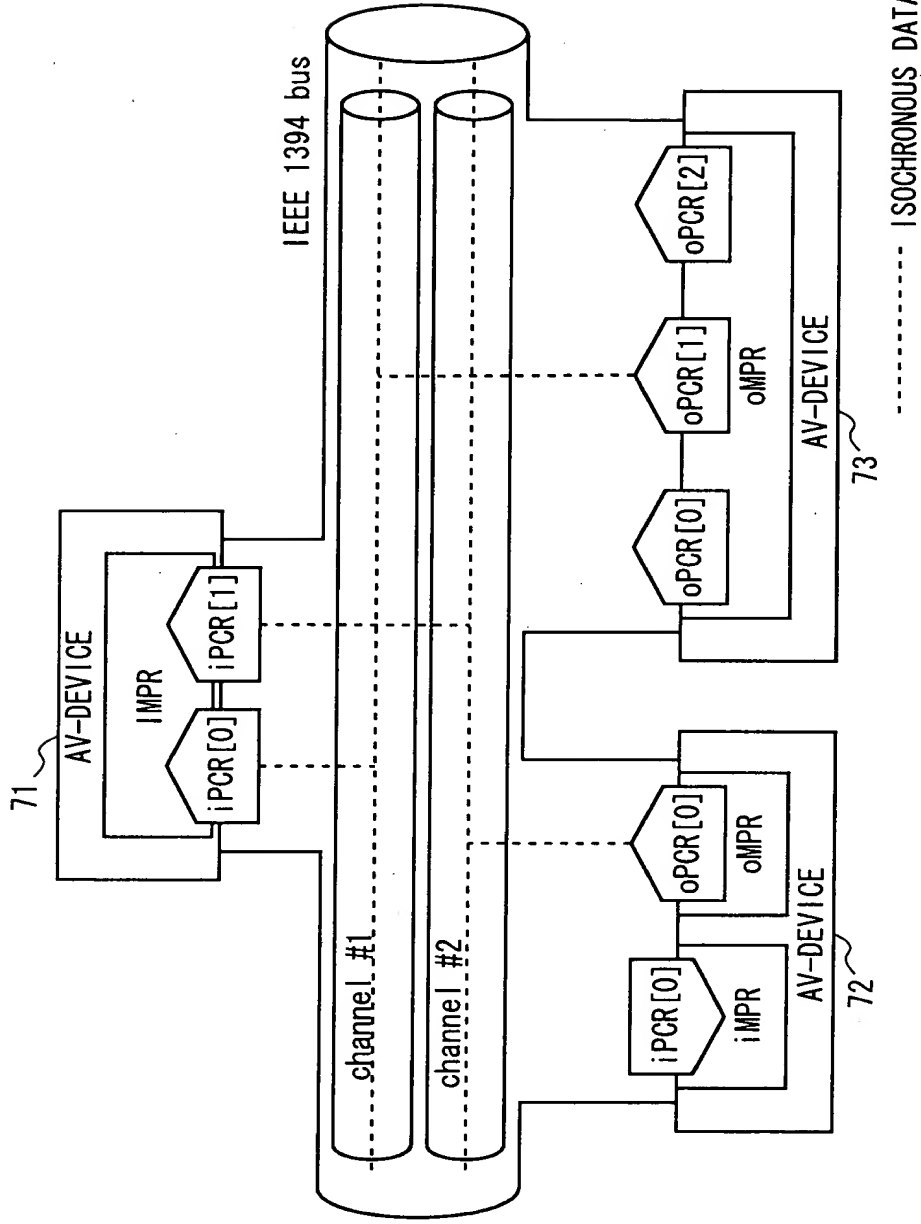


FIG. 9

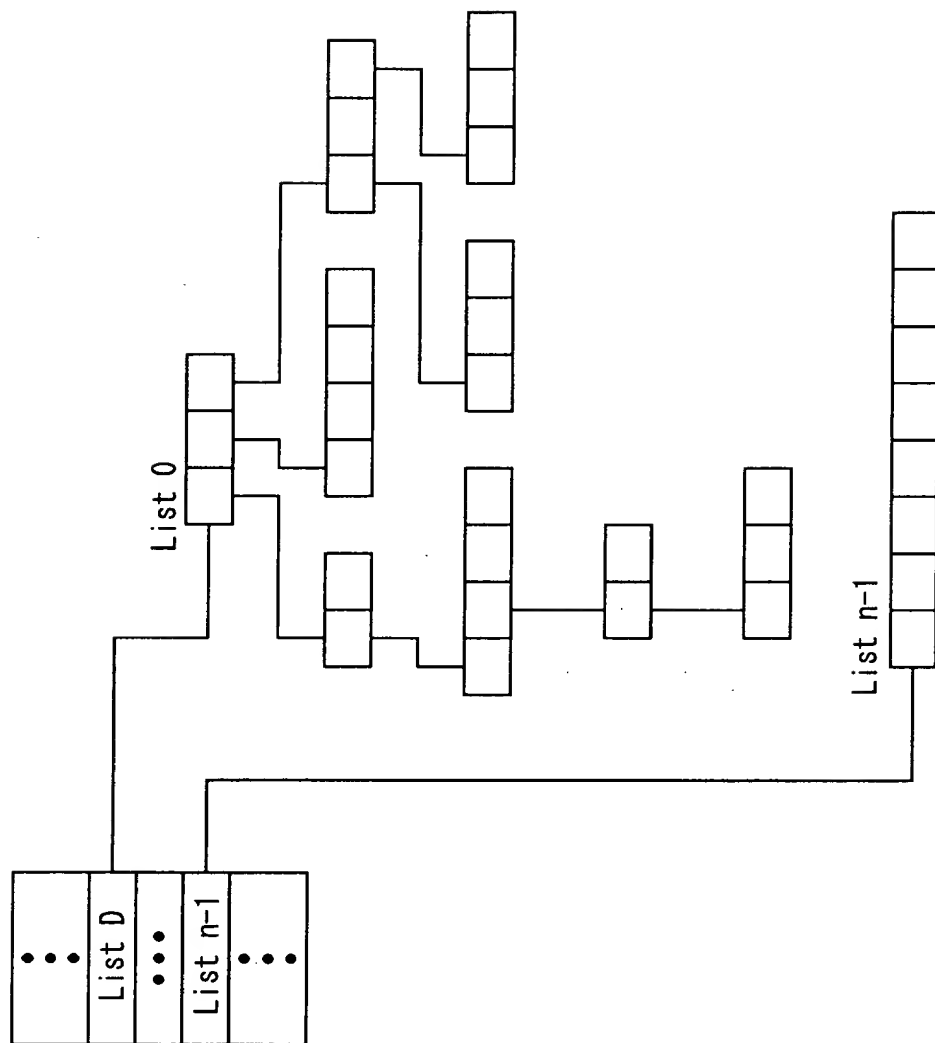


FIG. 10

| The General Subunit Identifier Descriptor | |
|---|------------------------------------|
| address | contents |
| 00 00 ₁₆ | descriptor_length |
| 00 01 ₁₆ | |
| 00 02 ₁₆ | generation_ID |
| 00 03 ₁₆ | size_of_list_ID |
| 00 04 ₁₆ | size_of_object_ID |
| 00 05 ₁₆ | size_of_object_position |
| 00 06 ₁₆ | number_of_root_object_lists(n) |
| 00 07 ₁₆ | |
| 00 08 ₁₆ | root_object_list_id_0 |
| • | |
| • | • |
| • | |
| • | root_object_list_id_n-1 |
| • | |
| • | subunit_dependent_length |
| • | |
| • | subunit_dependent_information |
| • | |
| • | manufacturer_dependent_length |
| • | |
| • | manufacturer_dependent_information |
| • | |
| • | |

FIG. 11

| generation_ID values | |
|----------------------|--|
| generation_ID | meaning |
| 00 ₁₆ | Data structures and command sets as specified in the AV/C General Specification, version 3.0 |
| all others | reserved for future specification |

FIG. 12

| List ID Value Assignment Ranges | |
|---|------------------------|
| range of values | list definition |
| 0000 ₁₆ –0FFF ₁₆ | reserved |
| 1000 ₁₆ –3FFF ₁₆ | subunit-type dependent |
| 4000 ₁₆ –FFFF ₁₆ | reserved |
| 1 0000 ₁₆ –max list ID value | subunit-type dependent |

FIG. 13

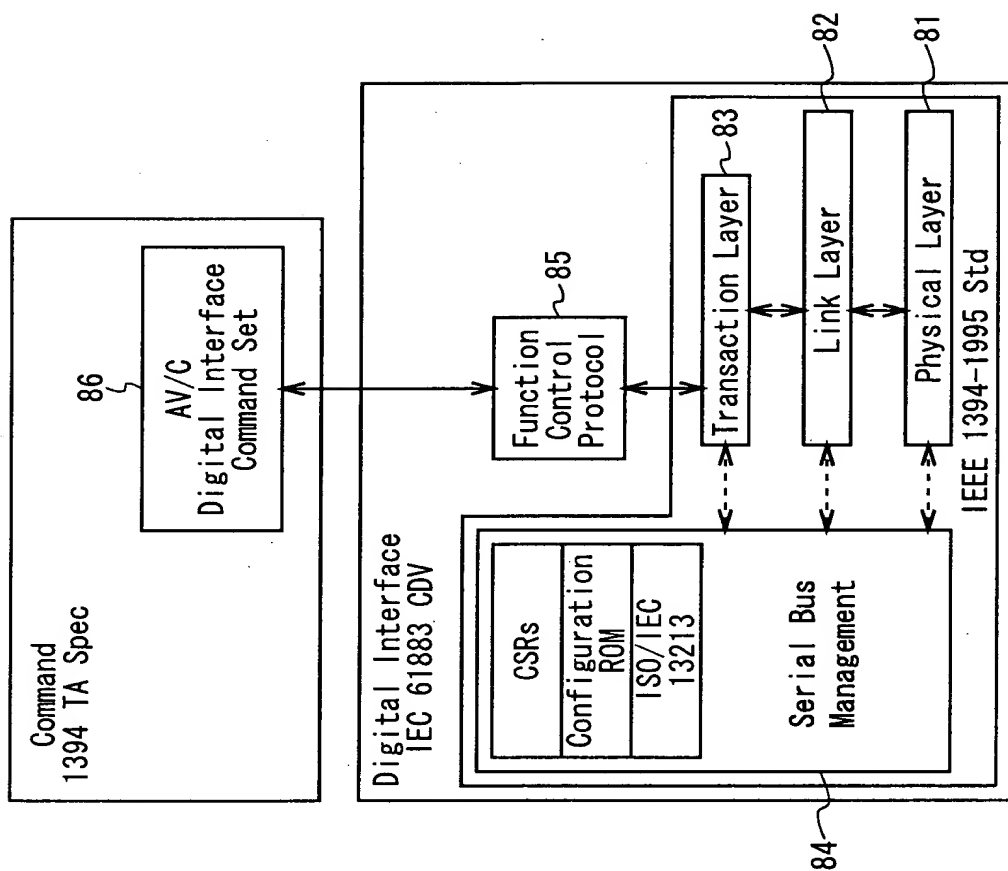


FIG. 14

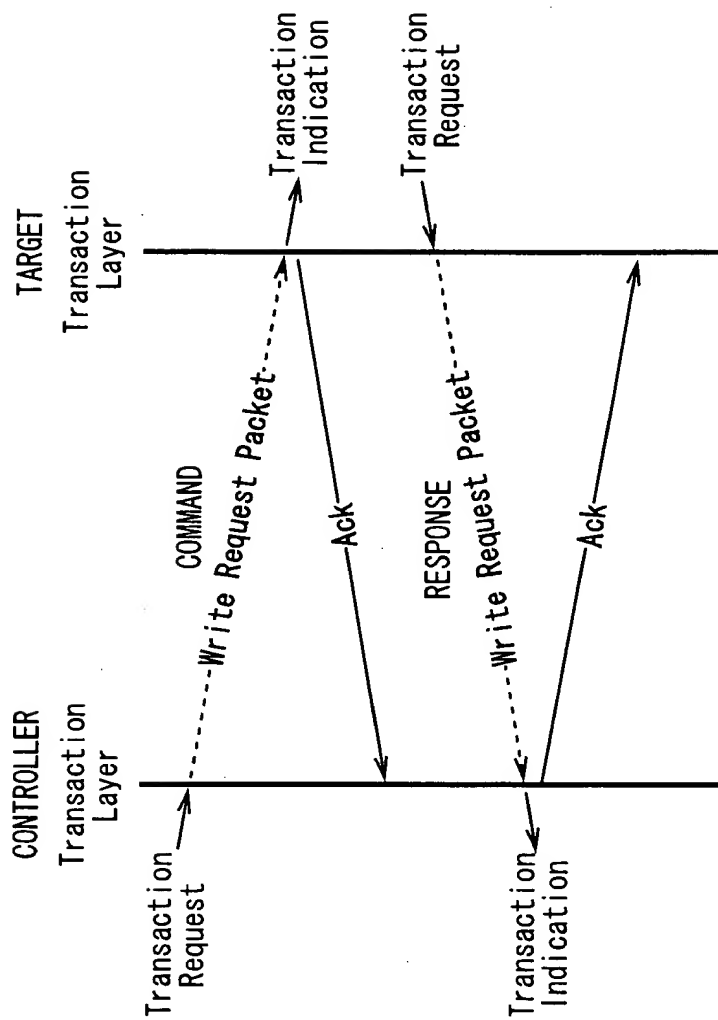


FIG.15

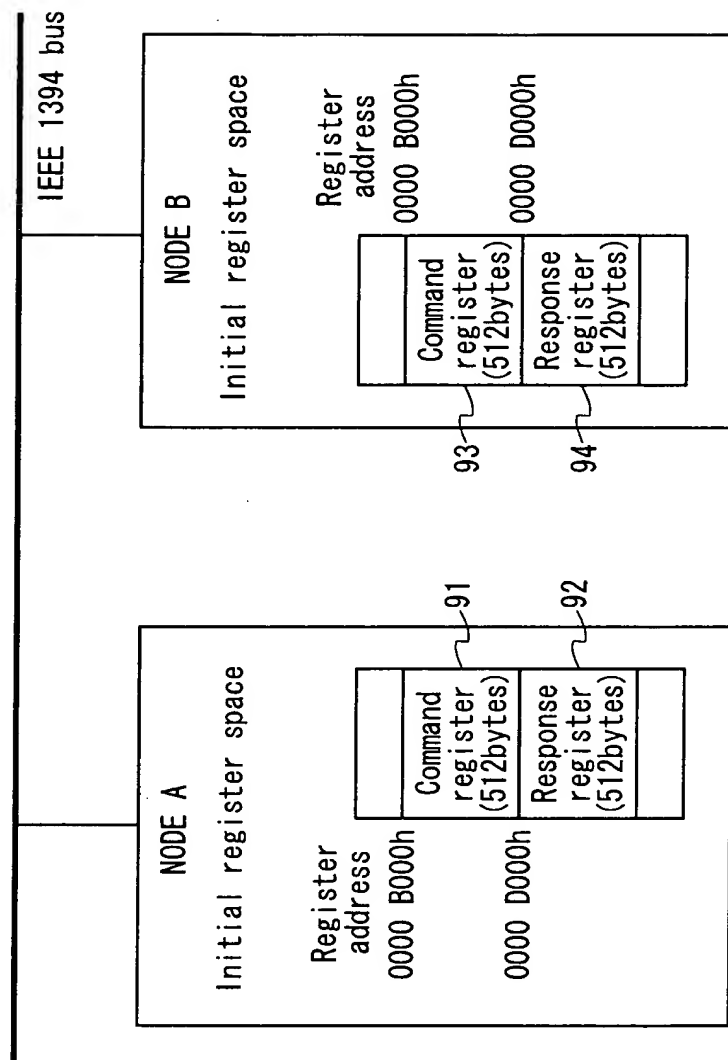


FIG. 16

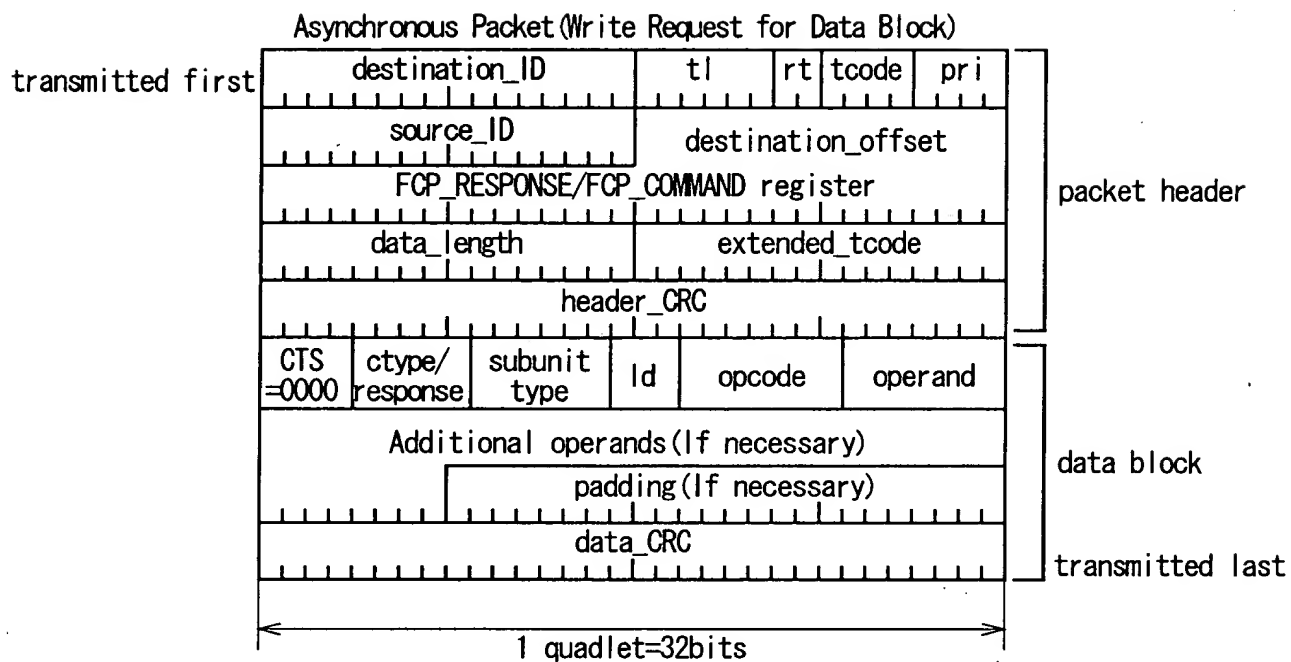


FIG. 17

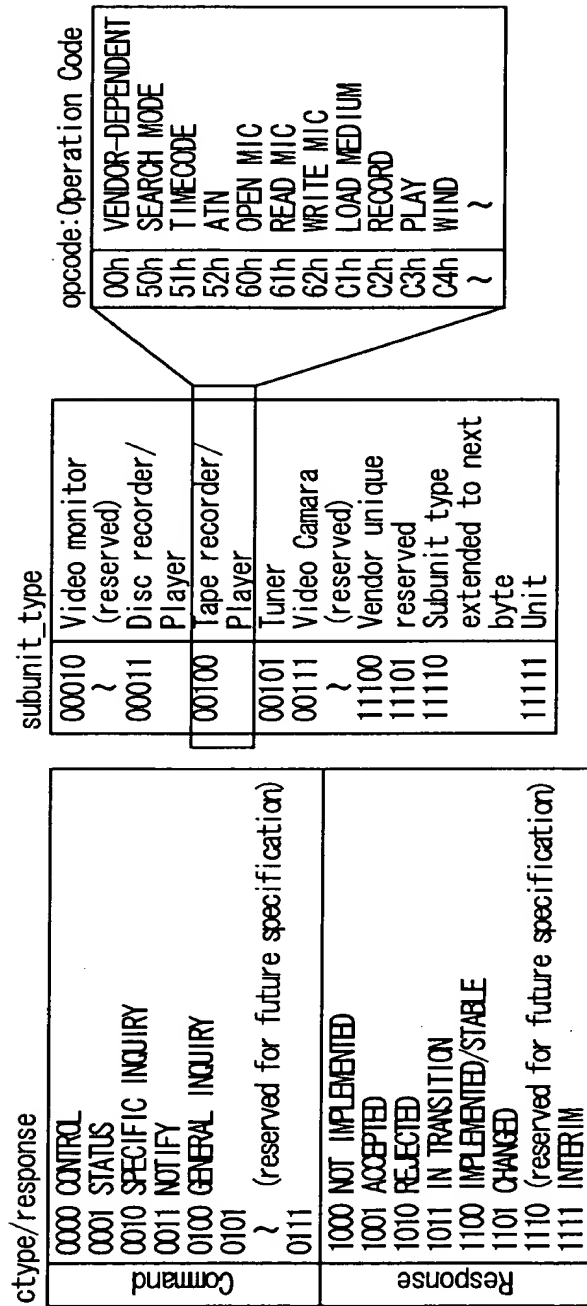


FIG. 18A

FIG. 18B

FIG. 18C

| AV/C | control | tape recorder /player | id= | PLAY | FORWARD |
|------|---------|--------------------------|-----|---------|----------|
| CTS= | ctypes= | subunit | id= | opcode= | operand= |
| 0000 | 0000 | type= | 000 | C3h | 75h |
| | | 00100 | | | |

FIG. 19A

| AV/C | accepted | tape recorder /player | id= | PLAY | FORWARD |
|------|----------|--------------------------|-----|---------|----------|
| CTS= | response | subunit | id= | opcode= | operand= |
| 0000 | =1001 | type= | 000 | C3h | 75h |
| | | 00100 | | | |

FIG. 19B

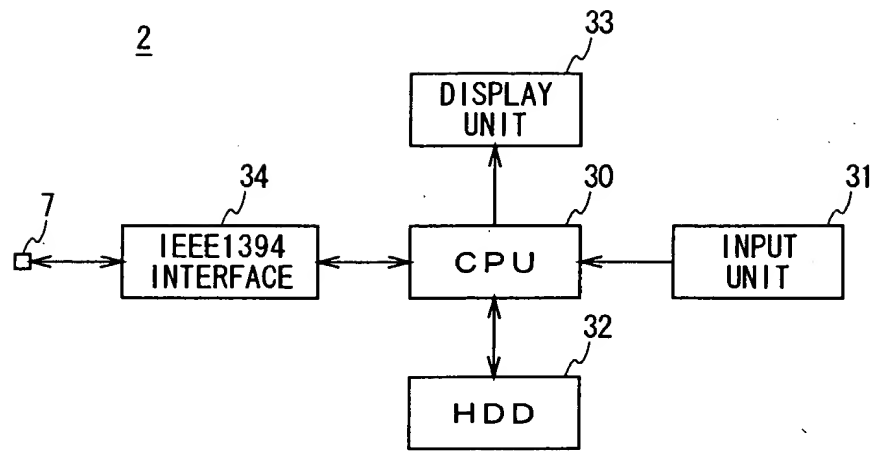


FIG. 20

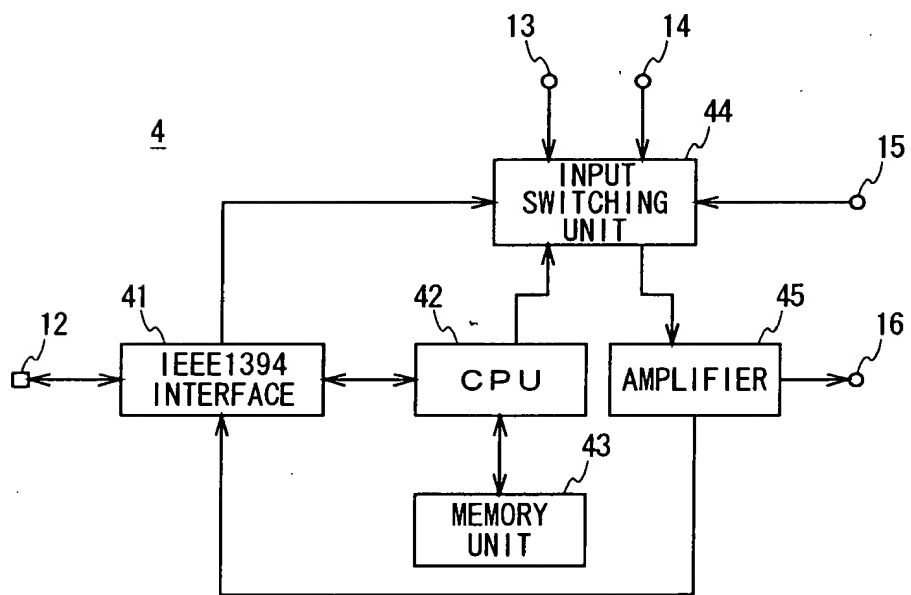


FIG. 21

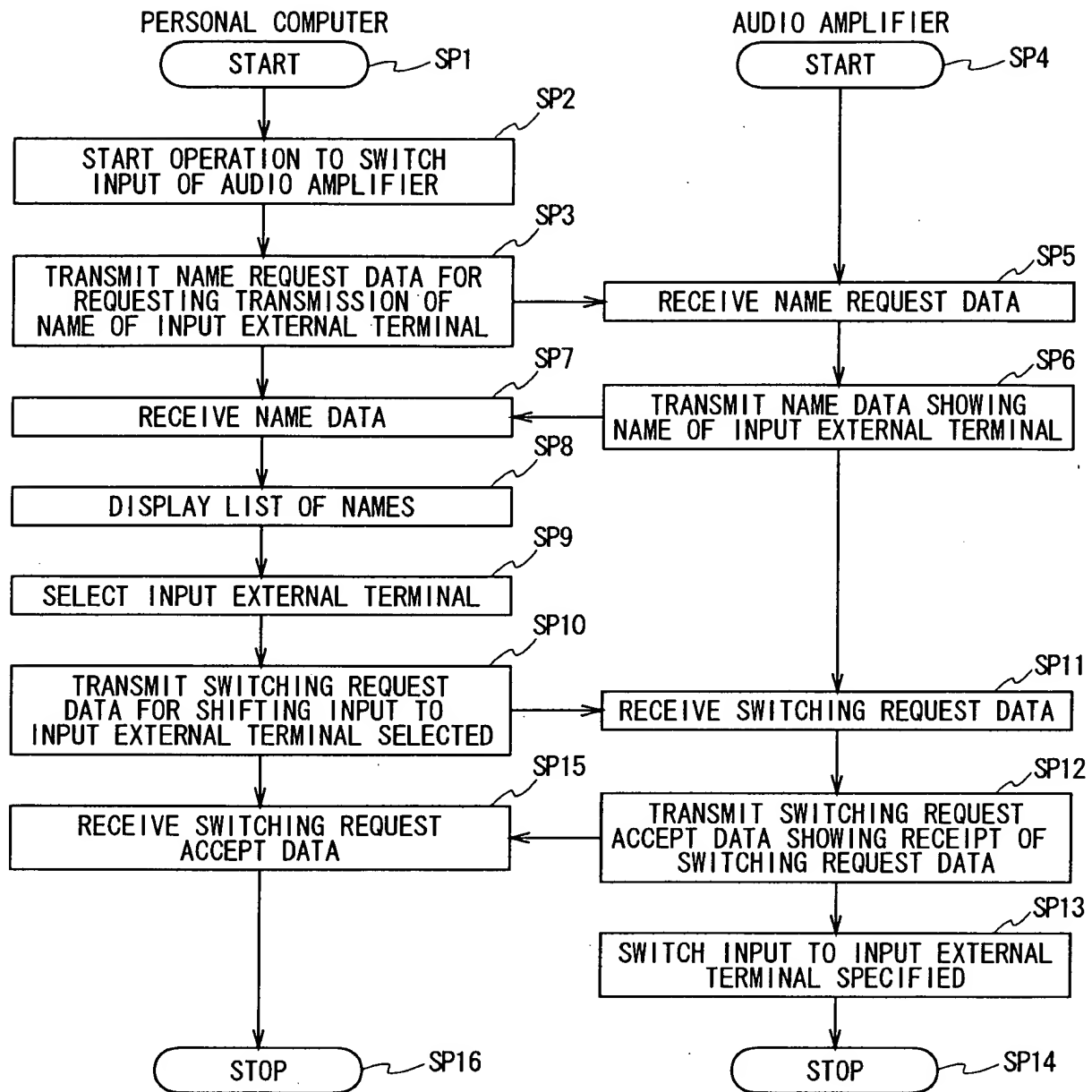


FIG. 22

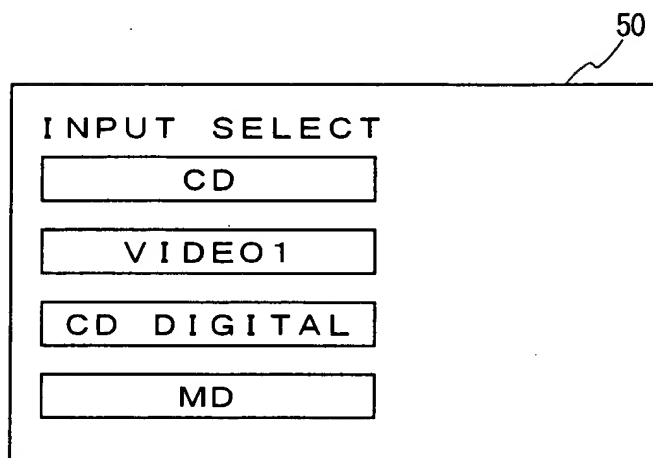


FIG. 23

FIG. 24A

| | |
|--------------|----|
| INPUT SELECT | CD |
|--------------|----|

FIG. 24B

| | |
|--------------|--------|
| INPUT SELECT | VIDEO1 |
|--------------|--------|

FIG. 24C

| | |
|--------------|------------|
| INPUT SELECT | CD DIGITAL |
|--------------|------------|